

Title (en)

Novel silacyclohexane compounds, preparation thereof, liquid crystal compositions comprising the same, and liquid crystal devices comprising the composition

Title (de)

Neue Silacyclohexanverbindungen, ihre Herstellung, flüssigkristalline Zusammensetzungen die sie enthalten, und Flüssigkristallinevorrichtungen die diese Zusammensetzungen enthalten

Title (fr)

Nouveaux composés de silacyclohexane, leur préparation, compositions de cristaux liquides les contenant, et dispositifs à cristaux liquides contenant les compositions

Publication

EP 0742222 A2 19961113 (EN)

Application

EP 96303296 A 19960513

Priority

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Abstract (en)

A compound of formula (I) <CHEM> wherein R is an organic residue. <CHEM> is an unsubstituted or substituted silicon-containing cyclohexylene group or a 1,4-cyclohexylene group, <CHEM> is an unsubstituted or substituted phenylene, an unsubstituted or substituted silicon-containing cyclohexylene group or trans-4-sila-1,4-cyclohexylene group, or a 1,4-cyclohexylene group provided that at least one of the ring structures A and B represents a silicon-containing cyclohexylene group, m, n, j, k and l are each H or F, m and n are each 0 or 1, X1 and Y are each H, F or Cl, and X2 is F or Cl, a liquid crystal composition comprising the compound and a liquid crystal device comprising the composition are described.

IPC 1-7

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IPC 8 full level

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CPC (source: EP US)

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